



INFORMATION DISCLOSURE STATEMENT BY APPLICANT PTO FORM 1449	ATTY. DOCKET NO. 10434/60901	SERIAL NO. 10/699,097
	APPLICANT: HUANG et al. FILING DATE October 30, 2003	GROUP 2878

U. S. PATENT DOCUMENTS						
EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS	SUBCLASS	FILING DATE*
ADF	6,203,683	March 20, 2001	Austin et al.			
ADF	4,959,133	September 25, 1990	Adcock, M.W.			

FOREIGN PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>

OTHER DOCUMENTS		AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
EXAMINER INITIAL		
ADF		Huang, L.R., Silberzan, P., Tegenfeldt, J.O., Cox, C.C., Strum, J.C., Austin, R.H. and Craighead, H. Role, Phys. Rev. Lett. 89, 178301 (2002)
		Kurien, B.T. et al., Biochem. 302, 1-9 (2002)
		Becker, E.W. et al., Microelectronic Engineering 4 (1986), pages 35-56
		Becker, E.W. et al., J. Micromech, Microeng. 8 (1998), pp. 24-28
		Kim, Y. et al., Rapid Pulsed Field Capillary Electrophoretic Separation of Megabase Nucleic Acids. Anal Chem. 67, 784-786 (1995)
		Han, J. & Craighead, H.G. Separation of Long DNA Molecules in a microfabricated entropic trap array. Science 288, 1026-1029 (2000)
		Turner, S.W., et al., Confinement-induced entropic recoil of single DNA molecules in a nanofulidic structure, Phys. Rev. Lett. 2002 March 25, 88(12):128103
		Huang, L.R. et al., A DNA prism for high-speed continuous fractionation of large DNA molecules Nat Biotechnol. 2002 Oct; 20(10):1048-51
		Huang, L.R. et al., Role of molecular size in ratchet fractionation. Phys. Rev. Lett. 89, 178301 (2002)
		Cao, H. et al., Fabrication of 10nm Enclosed Nanofluidic Channels, Applied Physics Letters 81, 174, (2002)
		Tegenfeldt, J.O. et al., Near-Field Scanner for Moving Molecules, Physical Review Letters 86 (7), 1378 (2001)
		Miesfeld, R.L., Applied Molecular Genetics (Wiley, New York, NY 1999) pp. 95-97
		Chou, S.Y., et al., Imprint Lithography with 25-Nanometer Resolution, Science 272, 85 (1996)

EXAMINER	/Anthony Fick/ <i>ADF</i>	DATE CONSIDERED	06/09/2006
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

		Complete if Known	
		Application Number	10/699,097
Substitute for form 1449/PTO		Filing Date	October 30, 2003
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(Use as many sheets as necessary)</small>		First Named Inventor	HUANG
		Art Unit	1742
		Examiner Name	Lois L. ZHENG
Sheet	1	of	1
		Attorney Docket Number	
		10434/60901	

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner	/Anthony Fick/ <i>ADF</i>	Date considered	06/09/2006
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